Lone Star Region

National Model Railroad Association

Weathering Vehicles

- Mike Jobe

Weathering Vehicles Clinic

- Prepping the vehicle
- Weathering using Micro-Mark Rust – n - Dust
- Weathering rust using Brett Gallant Technique
- Weathering using chalks

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Prepping the Vehicle

Weathered versus not weathered

Vehicles look like toys

Scene is muted

Vehicles are too shiny

Overall the scene looks like real life

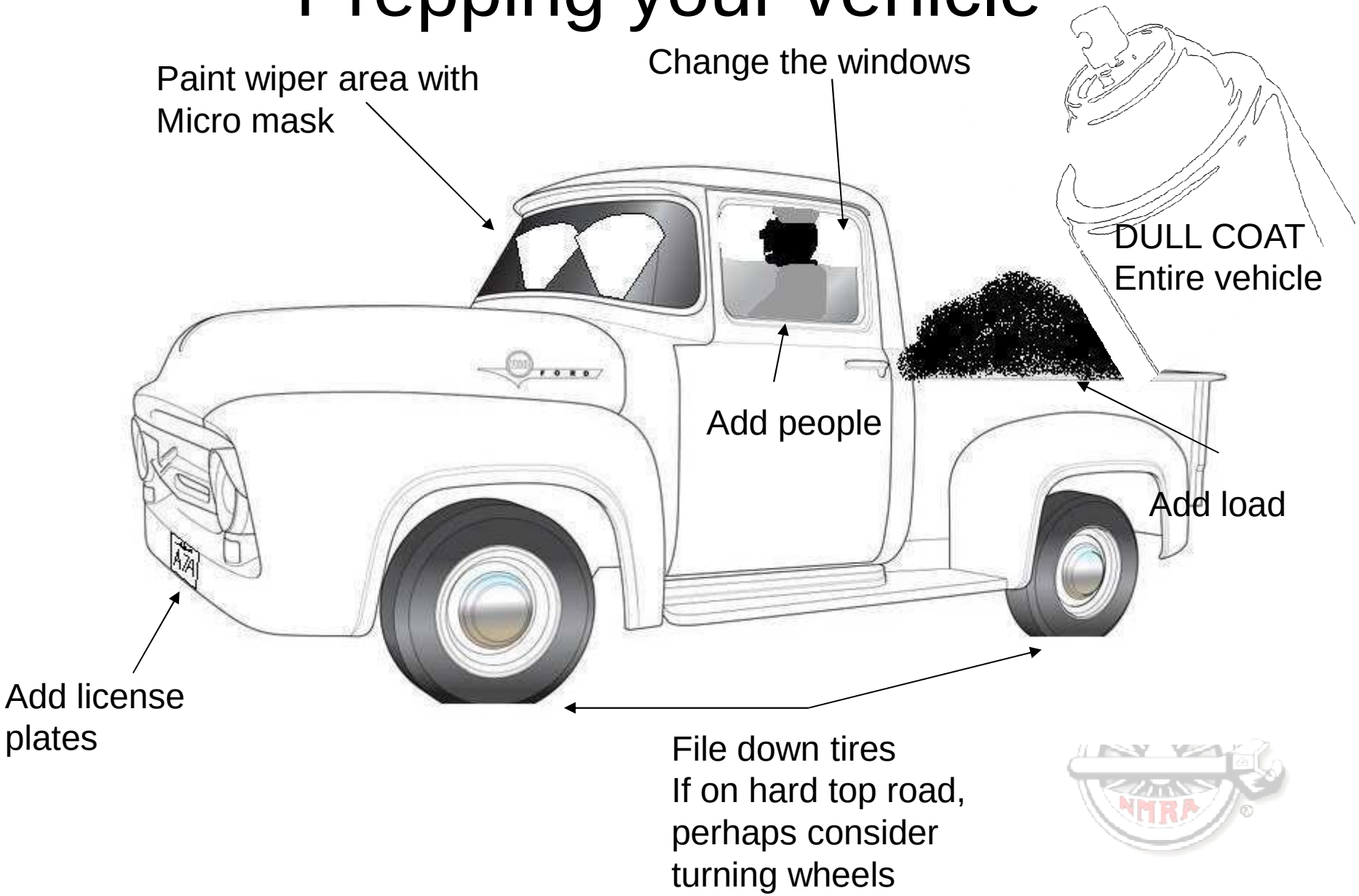
No people driving

Trucks have loads

Windshields / window dull coated

Very realistic

Prepping your vehicle



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Using Micro-Mark Rust and Dust

Micro-Mark Rust n Dust

Available at http://www.micromark.com/Weathering.html
Item number # 84625
Regular price 14.95 sometimes on sale for 9.99

Includes set of four 2 oz. bottles:
(1) Rust Wash,

(2) Black Wash,

(3) Clear Flat and

(4) Dust Powder.

Micro-Mark Rust n Dust

- Select a vehicle that will be best suit for R n D. These are typically dark brown or dark color.
- You can also paint over the vehicle with a brown auto primer then paint a muted color.
- Avoid bright colors.

- Mask window, bumper etc
- Paint or use existing color if desired
- Prep the vehicle as suggested earlier windshield, tires, load etc.
- Dull coat entire vehicle

Micro-Mark Rust n Dust

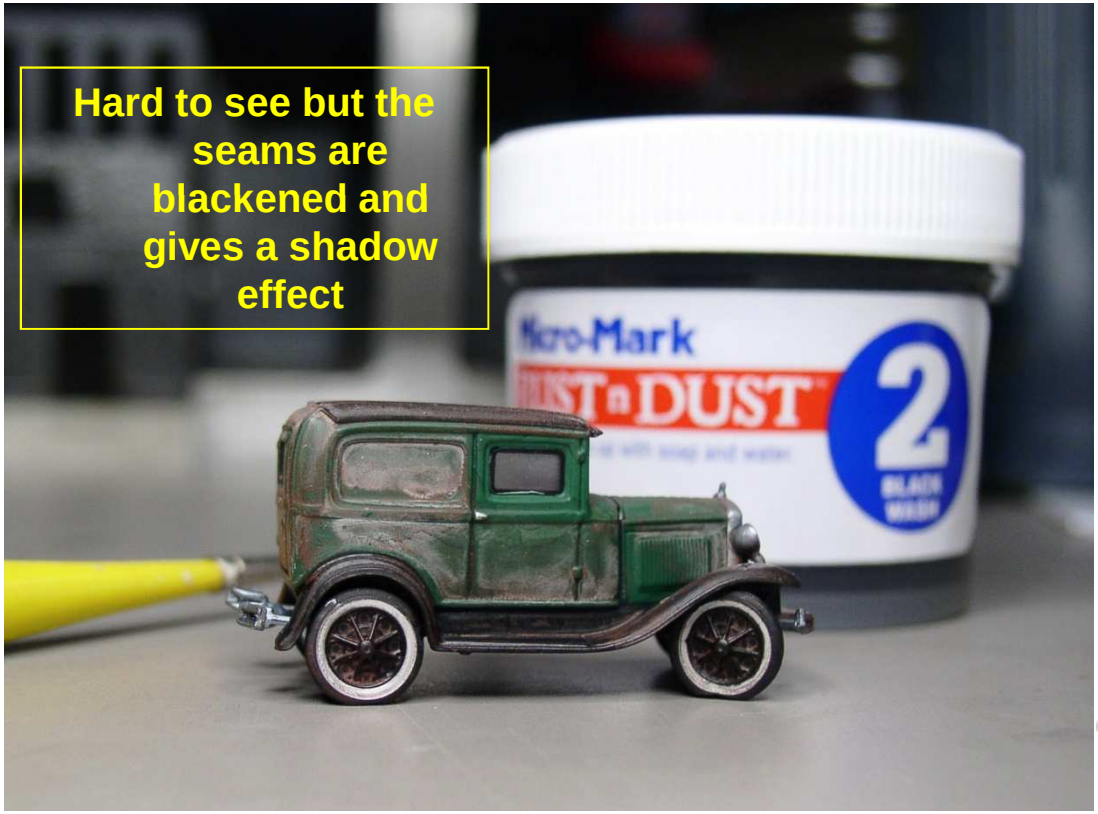
- Once the dull coat is dry remove the masking on the windshield

Micro-Mark Rust n Dust

- After the vehicle is dry blotch on the contents of bottle one. Rust Wash
- Allow to dry
- You will note that the wash will interact with the dull coat and you will have some white areas, this is good.

Micro-Mark Rust n Dust

- Apply a coat of the black wash this will bring out the seams and shadow the details
- Allow to dry



Micro-Mark Rust n Dust

- Using this technique, I do not use the third bottle. Use if you don't dull coat the vehicle initially. Also you can remove some of the "white shading if needed, but careful, you can go down to the shiny undercoat

Micro-Mark Rust n Dust

- Using a stippling brush take the dap it into the powder and stipple it into area where dust will accumulate.
- Focus on running boards, around fenders, under carriage etc.

Micro-Mark Rust n Dust

Your finished.

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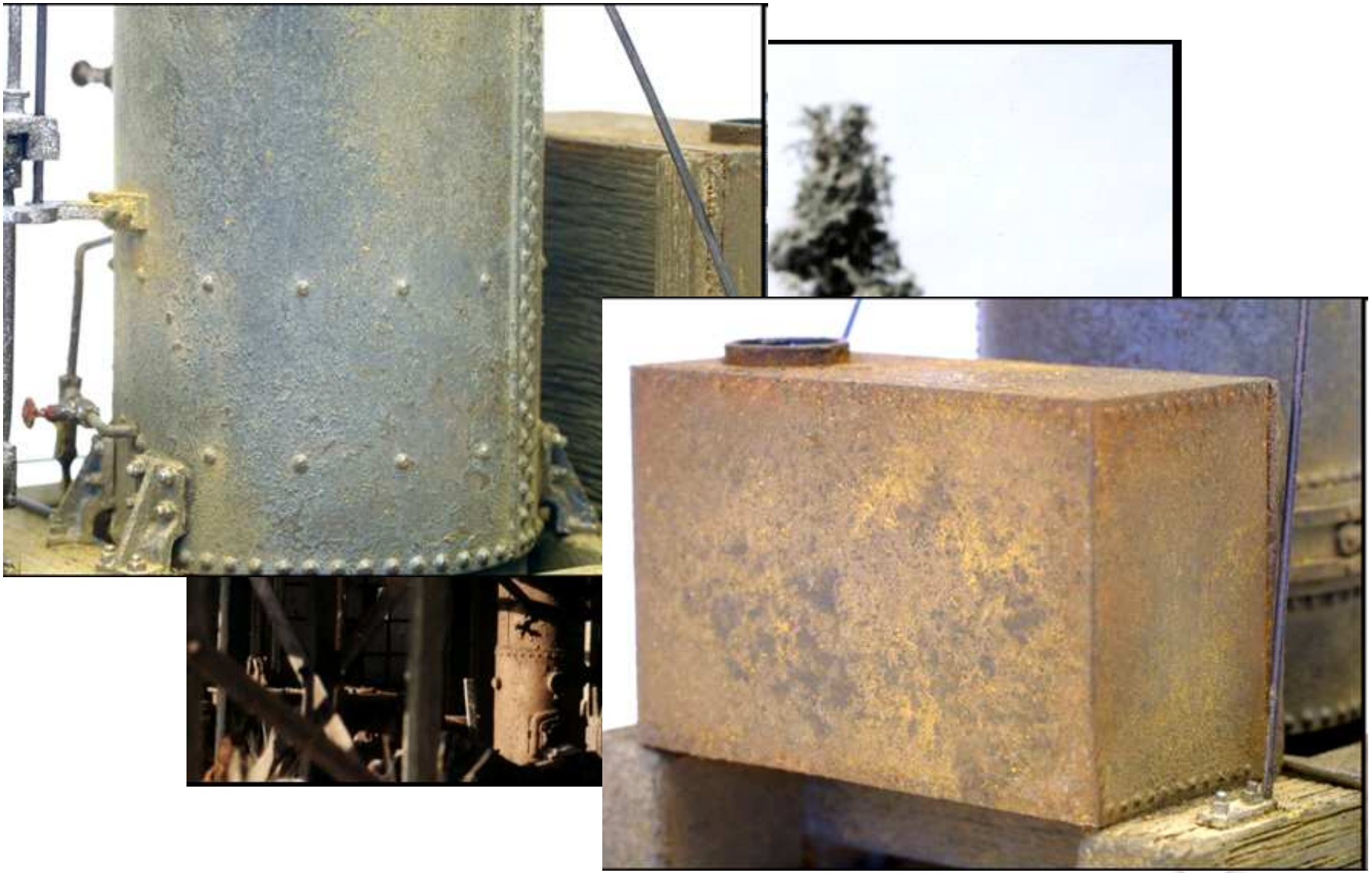
Weathering using Brett Gallant (Sierra West) Techniques

Weathering - Brett Gallant Techniques



Weathering - Brett Gallant Techniques

What is required?

Good Quality Artist Chalks such as
Rembrandt or Winsor & Newton.
Typical chalks you find a Michaels will not
give the same rich look.
I get mine at www.dickblick.com

Weathering - Brett Gallant Techniques

Wood	**Rust**
Raw Umber	Red-Brown Ochre
Gold Ochre	English Red Deep
Yellow Ochre	Burnt Sienna
Flesh Ochre	Raw Sienna
Light Ochre	Winsor Red
Burnt Umber	Winsor Orange
	White

Don’t get bogged down into finding the exact color, if you have several shades in the brown and orange, light to dark, you will be fine, it is more important that you buy quality.

Weathering - Brett Gallant Techniques

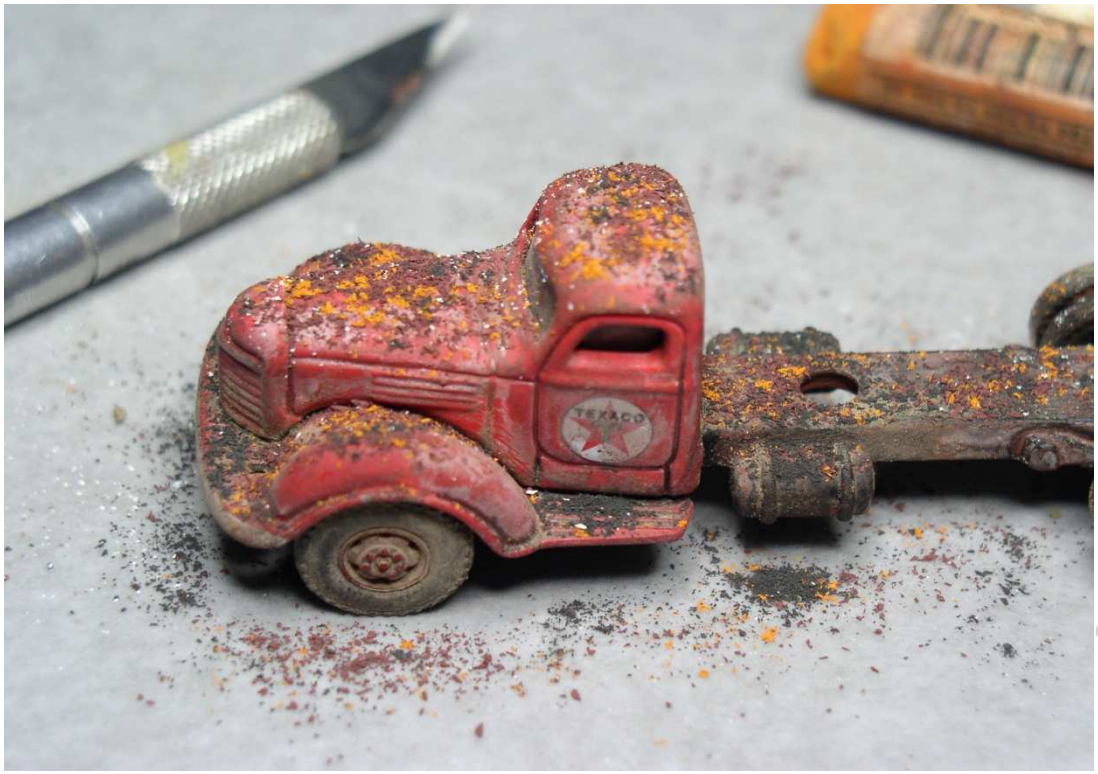
What is required?

Weathering - Brett Gallant Techniques

Prep the vehicle by washing it thoroughly.
Once this is dry, then using the techniques described earlier, dull coat, paint the overall vehicle with the rust and black # 1 and # 2, and finish with# 4 powder.

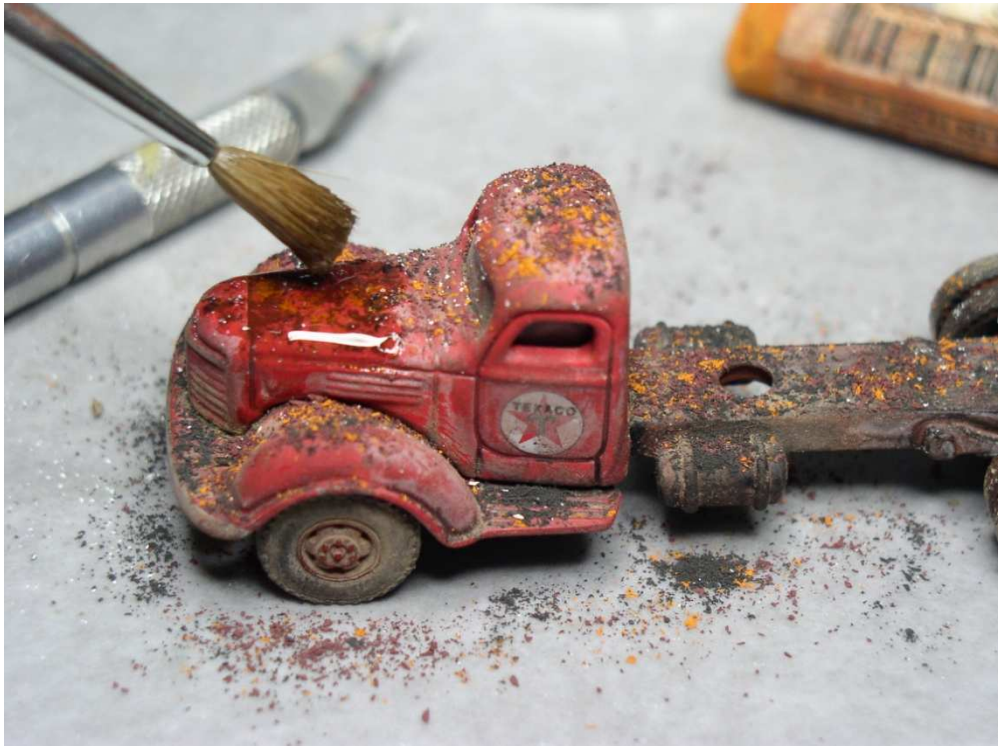
Weathering - Brett Gallant Techniques

Using the exacto blade scrape off a palette of colors
That will mimic rust. Oranges topped off with dark browns.
Add a little black, and very very lightly, specs of white.
The more you pile it on the more rusted it will appear.



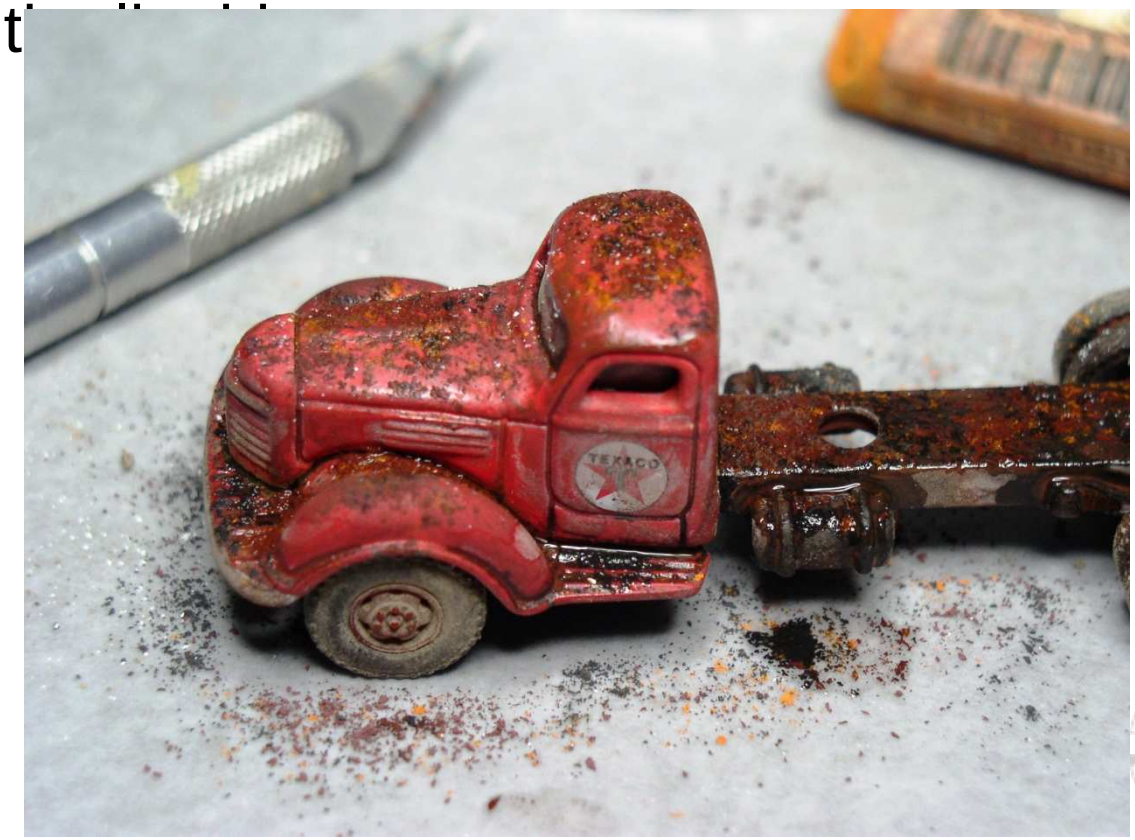
Weathering - Brett Gallant Techniques

Once the pastels are in the proper position, dip your brush into either a Floquil paint color (rust, dark rust, gun barrel black or other color of your choosing or the rubbing alcohol). Experiment!



Weathering - Brett Gallant Techniques

Carefully touch the area that you want the chalks to adhere too. The liquid (I use ISO Alcohol), through capillary action, will absorb the chalks and once dry will be affixed to the model permanently. Be careful not to apply too much of t



Weathering - Brett Gallant Techniques

I use a hair dryer to speed up the drying process.

Once dry as you can see, the pastels have solidified to the surface.

Weathering - Brett Gallant Techniques

I did not like the metal bed that this truck came with so I scratch built a new one, added some detail...

The finished product

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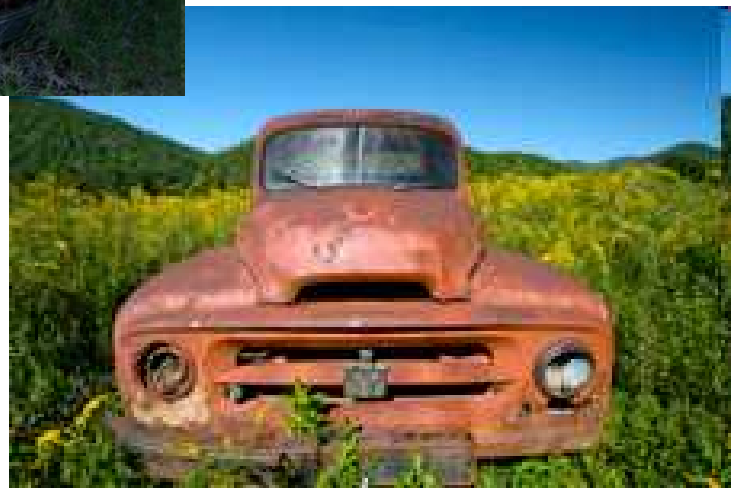
Weathering vehicles using Bragdon type powders

Weathering – Bragdon Type Powders

With all types of weathering you must remove the shine and give the weathering powder some rough surface to bite into. If you don't the weathering will eventually come off. If possible choose darker colored vehicles or paint the vehicle using flat primer colors

Weathering – Bragdon Type Powders

I sometimes will use a photograph of a rusted/weathered vehicle so that I can apply the weathering to mimic real life.



Weathering – Bragdon Type Powders

Once the vehicle is prepped remove the masking material and begin to apply the weathering powders they come in various colors and available via the internet

Weathering – Bragdon Type Powders

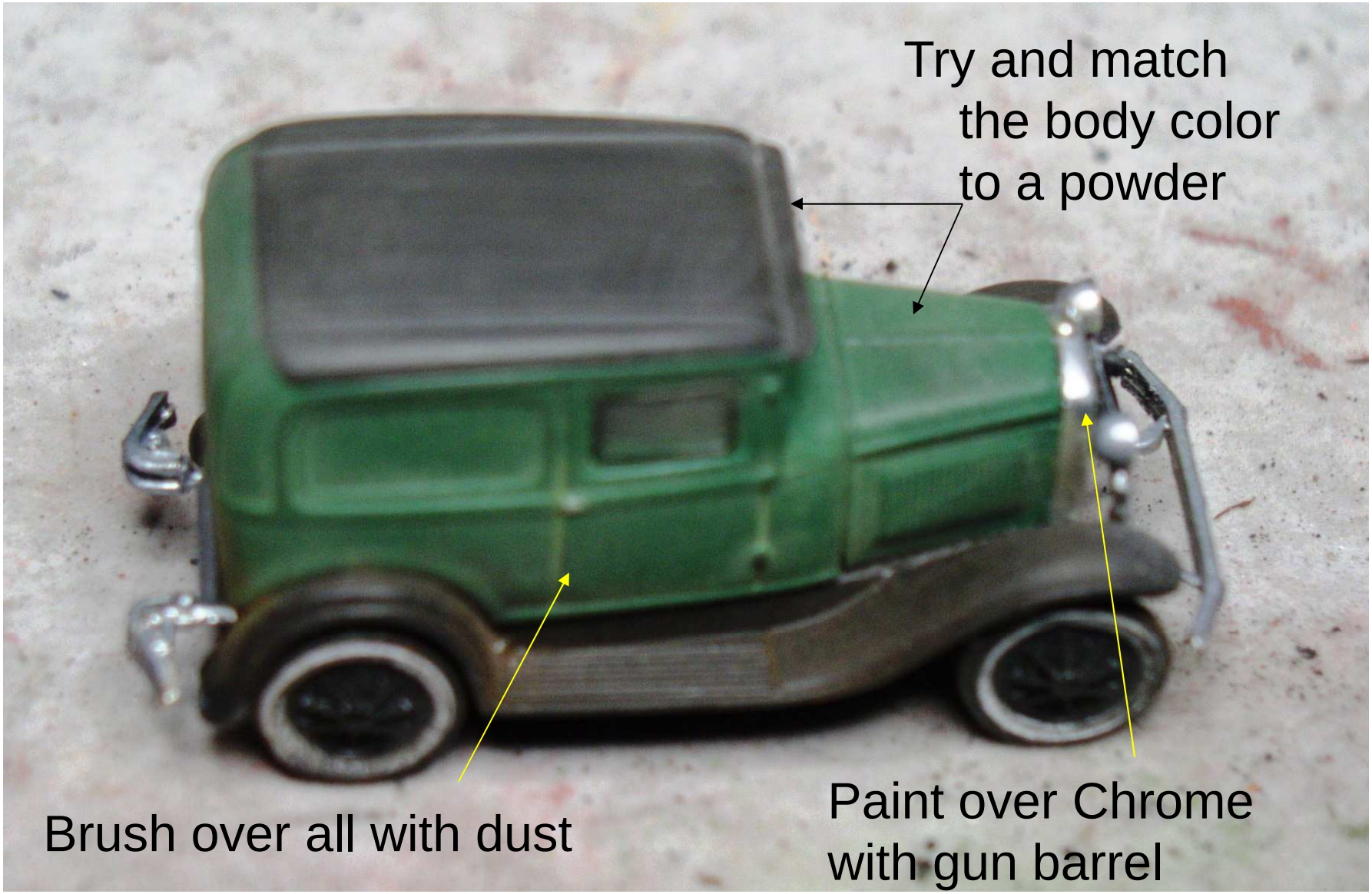
Apply the various powders using a hard bristle brush, apply various small coats of the powder and rub it into the surface until you are satisfied with the result.

Rule one; protect the area that you are working

Rule two; a little goes a long way

Rule three; take your time

Weathering – Bragdon Type Powders



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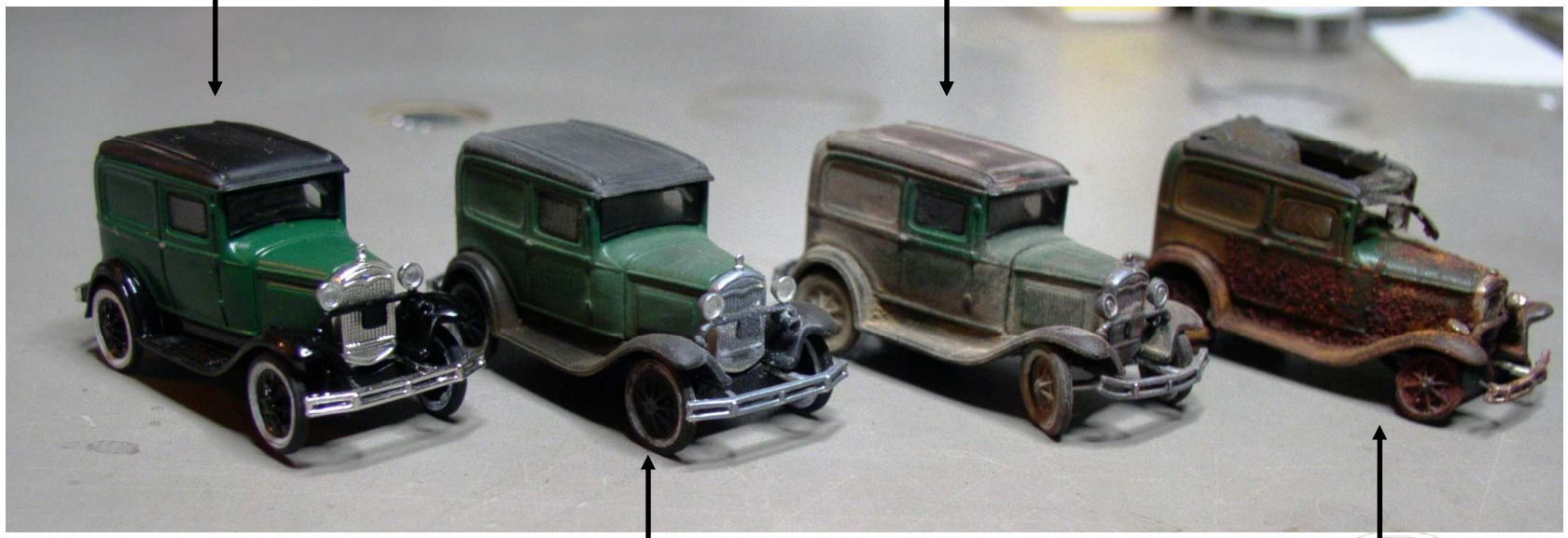
Clinic Summary

Weathering – Summary

Out of the box

Rust n Dust



Bradgon only

All techniques combined

Weathering – Summary

- Choose vehicles that are dark in color,
- Choose quality scale vehicles, matchbox cars will look like matchbox cars no matter how much you work on them.
- Use photo's to guide you to mimic real life
- "think" about how the weathering occurred, should rust be in that location?
- The level of weathering will be determined by what you are modeling, depression or war era vehicles will be more weathered than 1950's newer vehicles
- Dull Coat every vehicle before you begin, shiny is not necessarily realistic in the smaller scales. (even if your modeling new cars)
- Do not dull coat after your done, you will not be moving these for the most part when they are placed onto your layout.
- Take your time and practice....

Thanks!